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Subst. Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number
(Optional)

ECD-0004

Application Number

10/023,424

Applicant

Hart, et al.

Filing Date

12/12/01

Group Art Unit

2653

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TC 1700

U. S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T D	AA	4,168,396	09/18/79	Best	178	22	10/31/77
	AB	4,176,247	11/27/79	Englund	178	22	10/10/73
	AC	4,223,050	09/16/80	Nyfeler, et al.	427	163	10/03/78
	AD	4,246,638	01/20/81	Thomas	364	200	09/14/78
	AE	4,263,634	04/21/81	Chenoweth, et al.	360	133	09/17/79
	AF	5,027,396	06/25/91	Platteter, et al.	380	4	05/07/90
	AG	4,279,852	07/21/81	Engelmann	264	227	03/06/80
	AH	4,333,113	06/01/82	Kalinowski	360	27	06/16/80
	AI	4,335,173	06/15/82	Caraballo	428	65	09/22/80
	AJ	4,336,981	06/29/82	Mori	350	358	07/25/80
T D	AK	5,191,611	03/02/93	Lang	380	25	01/18/91

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	BA	4,433,207	02/21/84	Best	178	22.09	09/10/81
	BB	4,446,519	05/01/84	Thomas	364	300	05/26/81
	BC	4,453,074	06/05/84	Weinstein	235	380	10/19/81
	BD	4,454,594	06/12/84	Heffron, et al.	364	900	11/25/81
	BE	4,458,315	07/03/84	Uchenick	364	200	02/25/82
	BF	4,462,076	07/24/84	Smith, III.	364	200	06/04/82
	BG	4,465,901	08/14/84	Best	178	22.08	07/02/81
	BH	4,471,163	09/11/84	Donald, et al.	178	22.08	10/05/81
	BI	4,479,579	10/30/84	Miklos	206	309	11/24/82
	BJ	4,495,526	01/22/85	Baranoff-Rossine	360	15	10/25/82
T-D	BK	4,510,508	04/09/85	Janssen	346	135.1	04/15/83

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	CA	4,513,174	04/23/85	Herman	178	22.08	03/19/81
	CB	4,528,588	06/09/85	Lofberg	358	122	09/25/81
	CC	4,558,176	12/10/85	Arnold, et al.	178	22.08	09/20/82
	CD	4,573,119	02/25/86	Westheimer, et al.	364	200	07/11/83
	CE	4,577,289	03/18/86	Comerford, et al.	364	900	12/30/83
	CF	4,584,641	04/22/86	Guglielmino	364	200	08/29/83
	CG	4,590,470	05/20/86	Koenig	340	825.31	07/11/83
	CH	4,593,353	06/03/86	Pickholtz	364	200	10/26/81
	CI	4,595,950	06/17/86	Lofberg	358	122	12/17/84
	CJ	4,634,807	01/06/87	Chorley, et al.	178	22.08	08/23/85
T-D	CK	4,644,493	02/17/87	Chandra, et al.	364	900	09/14/84

FOREIGN PATENT DOCUMENTS

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Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) ECD-0004	Application Number 10/023,424
				Applicant Hart, et al.	
		Filing Date 12/12/01	Group Art Unit 2653 TC 1700 APR 3 2002		

U. S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	DA	4,649,233	03/10/87	Bass, et al.	380	21	04/11/85
	DB	4,652,990	03/24/87	Pailen, et al.	364	200	10/27/83
	DC	4,658,093	04/14/87	Hellman	380	25	07/11/83
	DD	4,670,857	06/02/87	Rackman	380	4	10/26/81
	DE	4,677,604	06/30/87	Selby, et al.	369	33	02/04/85
	DF	5,312,663	05/17/94	Kosinski, et al.	428	64	12/27/91
	DG	4,683,553	07/28/87	Mollier	380	4	02/05/86
	DH	4,683,968	08/04/87	Appelbaum, et al.	380	4	09/03/85
	DI	4,685,055	08/04/87	Thomas	364	200	07/01/85
	DJ	4,695,993	09/22/87	Takagi, et al.	369	54	06/10/85
T-D	DK	4,698,695	10/06/87	Kosaka, et al.	358	338	09/16/85

FOREIGN PATENT DOCUMENTS

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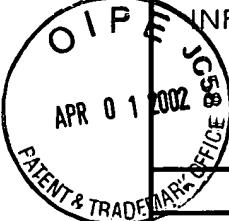
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant Hart, et al.		APR 3 2002
				Filing Date 12/12/01	Group Art Unit 2653	TG 170

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U. S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	EA	4,724,492	02/09/88	Kosaka, et al.	358	342	09/16/85
	EB	4,734,796	03/29/88	Grynnberg, et al.	360	60	09/06/83
	EC	4,740,890	04/26/88	William	364	200	12/22/83
	ED	4,742,543	05/03/88	Frederiksen	380	9	07/10/86
	EE	4,747,139	05/24/88	Taaffe	380	44	10/21/86
	EF	4,752,554	06/21/88	Sato, et al.	430	273	06/02/86
	EG	4,757,468	07/12/88	Domenik, et al.	364	900	04/21/87
	EH	4,757,534	07/12/88	Matyas, et al.	380	25	02/03/87
	EI	4,761,775	08/02/88	Murakami	369	46	01/23/87
	EJ	4,785,361	11/15/88	Brotby	360	60	12/16/86
T-D	EK	4,796,181	01/03/89	Wiedemer	364	406	10/24/86

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Group Art Unit

2853

U. S. Patent Documents

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T. D	FA	4,796,220	01/03/89	Wolfe	364	900	12/15/86
	FB	4,849,836	07/18/89	Kachikian	360	60	07/24/86
	FC	4,849,927	07/18/89	Vos	364	900	09/22/87
	FD	4,858,036	08/15/89	Ginkel	360	60	08/04/86
	FE	4,866,769	09/12/89	Karp	380	4	08/05/87
	FF	4,868,805	09/19/89	Hanami, et al.	369	53	08/13/87
	FG	4,879,704	11/07/89	Takagi, et al.	369	14	07/16/87
	FH	4,891,504	01/02/90	Gupta	235	462	06/17/85
	FI	4,893,883	01/16/90	Satzler	305	10	03/02/88
	FJ	4,903,296	02/20/90	Chandra, et al.	380	4	11/12/86
T. D	FK	4,907,216	03/06/90	Rijnsburger	369	275	12/09/87

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Applicant Hart, et al.	
Filing Date 12/12/01	Group Art Unit 2653 TC 1700

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U. S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	GA	4,910,725	03/20/90	Drexler, et al.	369	275	10/17/86
	GB	4,942,565	07/17/90	Lagadec	369	59	07/28/89
	GC	4,949,331	08/14/90	Maeda, et al.	369	275.3	06/17/86
	GD	4,959,861	09/25/90	Howlette	380	4	07/13/88
	GE	4,961,182	10/02/90	Saito, et al.	369	124	06/29/88
	GF	4,967,403	10/30/90	Ogawa, et al.	369	44.26	04/20/88
	GG	5,473,584	12/05/95	Oshima	369	32	07/27/94
	GH	4,975,898	12/04/90	Yoshida	369	100	08/18/88
	GI	4,980,782	12/25/90	Ginkel	360	60	06/03/85
	GJ	4,991,163	02/05/91	Tokushuku, et al.	369	275.4	02/08/88
T-D	GK	5,004,232	04/02/91	Wong, et al.	273	435	10/13/89

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ECD-0004

Application Number

10/026,724

Applicant

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Filing Date

12/12/01

Group Art Unit

2653

U. S. Patent Documents							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	HA	5,060,219	10/22/91	Lokhoff, et al.	369	48	12/20/88
	HB	5,065,429	11/12/91	Lang	380	25	10/14/90
	HC	5,153,861	10/06/92	Maeda, et al.	369	32	12/13/89
	HD	5,073,925	12/17/91	Nagata, et al.	380	3	06/13/90
	HE	5,122,912	06/16/92	Kanota, et al.	360	46	05/18/89
	HF	5,150,339	9/22/92	Ueda, et al.	369	32	04/20/90
	HG	5,155,768	10/13/92	Matsuhara	380	23	03/11/91
	HH	5,159,633	10/27/92	Nakamura	380	30	01/15/91
	HI	5,168,482	12/01/92	Aratani, et al.	369	13	08/29/90
	HJ	5,179,547	01/12/93	Komaki, et al.	369	275.4	05/28/91
T-D	HK	5,204,152	04/20/93	Yoshizawa	428	64	04/02/92

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T-D	IA	5,224,087	06/29/93	Maeda, et al.	369	54	08/19/91
	IB	5,243,423	09/07/93	DeJean, et al.	358	142	12/20/91
	IC	5,255,007	10/19/93	Bakx	346	1.1	11/13/90
	ID	5,276,738	01/04/94	Hirsch	380	46	12/17/92
	IE	5,285,440	02/08/94	Matsuda	369	275.3	12/11/92
	IF	5,323,367	06/21/94	Tamura, et al.	369	32	10/22/92
	IG	5,350,923	09/27/94	Bassignana, et al.	250	453.11	12/23/92
	IH	5,371,792	12/06/94	Asai, et al.	380	3	12/21/93
	II	5,379,433	01/03/95	Yamagishi	395	725	03/16/93
	IJ	5,392,351	02/21/95	Hasebe, et al.	380	4	03/15/93
T-D	IK	5,400,403	03/21/95	Fahn, et al.	380	21	08/16/93

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T-D	JA	5,410,527	04/25/95	Ashinuma	369	50	07/28/92
	JB	5,412,718	05/02/95	Narasimhalu, et al.	380	4	09/13/93
	JC	5,418,852	05/23/95	Itami, et al.	380	4	03/17/93
	JD	5,424,102	06/13/95	Mizukuki, et al.	427	510	01/03/94
	JE	5,430,284	07/04/95	Numazaki	235	462	11/12/93
	JF	5,457,668	10/10/95	Hibino, et al.	369	32	08/25/93
	JG	5,457,746	10/10/95	Dolphin	380	4	12/19/94
	JH	5,475,664	12/12/95	Shimzume, et al.	369	44.29	03/16/95
	JI	5,489,768	02/06/96	Brownstein, et al.	235	414	12/31/92
	JJ	5,513,169	04/30/96	Fite, et al.	369	272	11/29/94
T-D	JK	5,513,260	04/30/96	Ryan	380	3	06/29/94

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TJ	KA	5,538,773	07/23/96	Kondo	428	64.1	06/28/94
	KB	5,541,904	06/02/95	Fite, et al.	369	58	06/02/95
	KC	5,552,098	03/03/94	Kudo, et al.	264	106	03/03/94
	KD	5,563,947	10/08/96	Kikinis	380	4	12/20/95
	KE	5,570,339	10/29/96	Nagano	369	275.3	07/21/94
	KF	5,572,507	11/05/96	Ozaki, et al.	369	275.4	09/11/95
	KG	5,579,113	11/26/96	Papst, et al.	356	426	03/10/95
	KH	5,587,984	12/24/96	Owa, et al.	369	103	09/08/95
	KI	5,590,111	12/31/96	Kirino, et al.	369	116	07/13/93
	KJ	5,596,639	01/30/95	Kikinis	380	4	01/30/95
TJ	KK	5,661,703	08/26/97	Moribe, et al.	369	14	03/21/96

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T-D	LA	5,696,757	12/09/97	Ozaki, et al.	369	275.4	09/23/96
	LB	5,698,833	12/16/97	Skinger	235	462	04/15/96
	LC	5,706,047	01/06/98	Lentz, et al.	347	262	04/24/95
	LD	5,706,266	01/06/98	Brownstein, et al.	369	58	05/01/95
	LE	5,714,935	02/03/98	Ryan, Jr.	340	572	02/03/95
	LF	5,719,937	02/17/98	Warren, et al.	380	4	09/12/96
	LG	5,724,327	03/03/98	Timmermans, et al.	369	48	02/14/95
	LH	5,737,286	04/07/98	Timmermans, et al.	369	44.13	02/15/95
	LI	5,754,649	05/19/98	Ryan, et al.	380	4	06/23/97
	LJ	5,761,301	06/02/98	Oshima, et al.	380	4	11/17/95
T-D	LK	5,805,551	09/08/98	Oshima, et al.	369	59	04/25/97

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER <i>TAN DINH</i>	DATE CONSIDERED <i>2/16/04</i>
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Subst. Form PTO-1449

Docket Number
(Optional)

Application Number

ECD-0004

10/023,424

Applicant
*Hart, et al.*Filing Date
12/12/01

Group Art Unit

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IN AN APPLICATION

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PATENT & TRADEMARK OFFICE U.S. GOVERNMENT

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.D	MA	5,809,006	09/15/98	Davis, et al.	369	275.4	05/31/96
	MB	5,812,501	09/22/98	Moribe, et al.	369	14	03/13/97
	MC	5,807,640	09/15/98	Ueno, et al.	428	64.1	08/28/95
	MD	5,306,349	04/26/94	Nee	134	1	11/23/92
	ME	5,818,812	10/6/98	Moribe, et al.	369	275.1	04/15/96
	MF	5,822,291	10/13/98	Brindze, et al.	369	94	11/21/95
	MG	5,826,156	10/20/98	Natsume, et al.	399	389	02/27/97
	MH	5,267,311	11/30/93	Bakhoum	380	4	12/08/92
	MI	5,886,979	03/23/99	Moribe, et al.	369	275.3	03/14/97
	MJ	5,905,798	05/18/99	Nerlikar, et al.	380	3	05/02/97
T.D	MK	5,930,209	07/27/99	Spitzenberger, et al.	369	32	07/24/97

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) ECD-0004	Application Number 10/023,424
				Applicant Hart, et al.	
				Filing Date 12/12/01	Group Art Unit 2653

U. S. Patent Documents							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T-D	NA	5,930,210	07/27/99	Timmermans, et al.	369	44.13	11/26/97
	NB	5,960,398	09/28/99	Fuchigami, et al.	704	270	07/28/97
	NC	5,963,909	10/5/99	Warren, et al.	705	1	11/25/97
	ND	5,881,038	03/09/99	Oshima, et al.	369	59	04/18/95
	NE	6,052,465	04/18/00	Gotoh, et al.	380	4	05/16/96
	NF	6,101,476	08/08/00	Kamatakis, et al.	705	1	07/21/97
	NG	6,108,296	08/22/00	Kajiyama, et al.	369	275.4	08/19/98
	NH	6,122,739	09/19/00	Kutaragi, et al.	713	200	11/13/95
	NI	6,167,136	12/26/00	Chou	380	201	05/16/97
	NJ	6,204,981	03/20/01	Ogino, et al.	360	60	02/27/98
T-D	NK	6,226,244	05/01/01	Timmermans, et al.	369	48	04/21/99

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Subst. Form PTO-1449

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Applicant

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Group Art Unit

2653

INFORMATION DISCLOSURE CITATION
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T.D	OA	6,262,967	07/17/01	Kajiyama, et al.	369	275.4	01/20/00
	OB	6,285,764	09/04/01	Gotoh, et al.	380	203	10/04/00
	OC	6,298,138	10/02/01	Gotoh, et al.	380	203	10/04/00
	OD	6,304,971	10/16/01	Kutaragi, et al.	713	200	08/16/99
	OE	5,875,156	02/23/99	Ito, et al.	369	32	01/06/98
T.D	OF	4,839,883	06/13/89	Nagata, et al.	369	286	06/25/87
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